

Converting Colors

CIELCh(85, 3.024, 241.755)

Have a look what the booklet for
CIELCh(85, 3.024, 241.755) contains.

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Color

CIELCh(85, 2.976, 244.541)

Conversions

Conversions Part 1

Format	Color
Hex	CFD5D9
RGB	207, 213, 217
RGB Percent	81%, 84%, 85%
CMY	0.1874, 0.1639, 0.1482
CMYK	0.05, 0.02, 0.00, 0.15
HSL	204°, 12%, 83%
HSV	204°, 5%, 85%
XYZ	62.1862, 66.0070, 75.2490
YIQ	211.6620, -4.8600, -0.0280

Conversions

Conversions Part 2

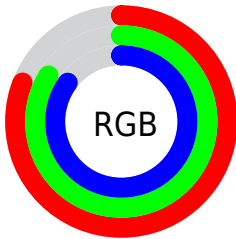
Format	Color
R _Y B	207, 211, 217
Decimal	13620697
CIE Lab	85.00, -1.28, -2.69
CIE LCh	85, 2.976, 244.541
Yxy	66.0070, 0.3057, 0.3245
Android (android.graphics.Color)	4291810777 (0xFFCFD5D9)
YUV	211.6620, 2.6316, -4.0886
Hunter-Lab	81.2447, -5.5509, 1.9568

Details

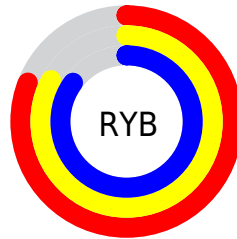
The CIELCh color $85, 2.976, 244.541$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $85, 3.020, 63.231$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $65, 2.887, 249.932$ is the 20% darker color. If you saturate the color by 10%, you get $81, 9.304, 245.615$, and if you desaturate by 10%, it is $89, 3.510, 63.194$.

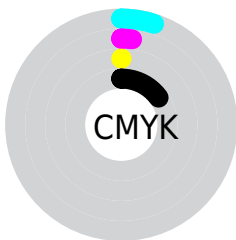
Distribution



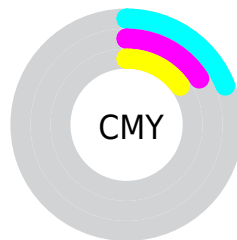
- Red (81%)
- Green (84%)
- Blue (85%)



- Red (81%)
- Yellow (83%)
- Blue (85%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (19%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 2.976, 244.541 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 85, 2.976, 244.541 by changing the saturation by 10% instead.

■ 85, 2.976, 244.541

■ 85, 2.976, 244.541

■ 100, 2.976,
244.541

■ 75, 2.976, 244.541

■ 65, 2.976, 244.541

■ 55, 2.976, 244.541

■ 45, 2.976, 244.541

■ 35, 2.976, 244.541

■ 25, 2.976, 244.541

■ 15, 2.976, 244.541

■ 5, 2.976, 244.541

■ 0, 2.976, 244.541

85, 2.976, 244.541

85, 2.976, 244.541

81, 9.304, 245.615

89, 3.510, 63.194

77, 15.427,
247.084

93, 10.110, 62.440

74, 21.295,
248.890

95, 12.687, 81.933

97, 15.825, 99.472

70, 26.862,
251.101

99, 19.106,
108.732

67, 32.094,
253.791

63, 36.983,
257.033

60, 41.565,
260.874

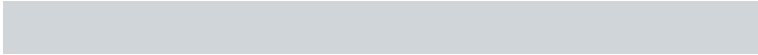
57, 45.933,
265.302

■ 54, 50.233,
270.209

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



85, 2.976, 244.541



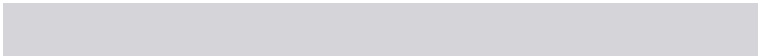
85, 3.020, 63.231

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85, 2.976, 244.541



85, 2.976, 294.541



85, 2.976, 64.541



85, 2.976, 114.541

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



85, 2.976, 244.499



100, 0.745, 244.671



86, 4.867, 157.604



53, 0.424, 244.703



0, 0.000, 0.000



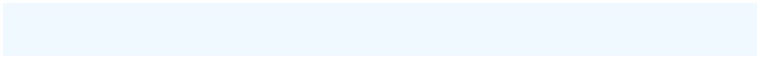
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 2.976, 244.499



97, 4.407, 244.625



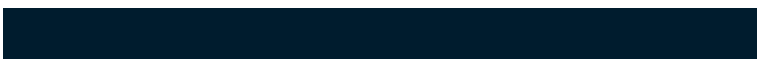
84, 4.679, 285.505



45, 2.580, 244.678



43, 43.932, 272.044



9, 15.474, 261.389

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



84, 4.840, 338.877



96, 7.193, 339.007



86, 4.627, 104.474



44, 4.217, 339.054



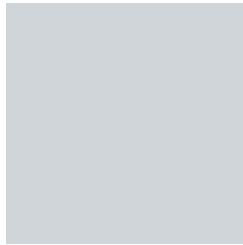
38, 65.512, 352.708



6, 26.342, 347.422

Previews

White Background



This preview shows how the CIELCh color 85, 2.976, 244.541 looks on a white background.

Color Contrast Check

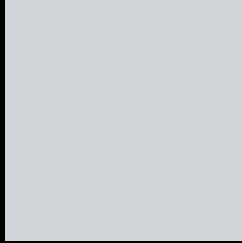
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 85, 2.976, 244.541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

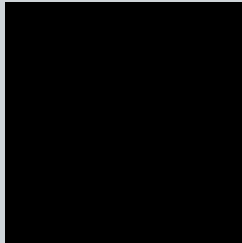
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

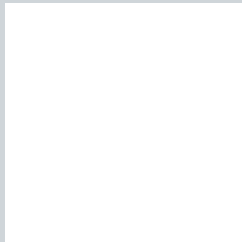
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 2.976, 244.541

Background



This preview shows how black text looks on a background with the CIELCh color 85, 2.976, 244.541.

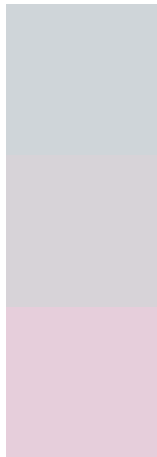


This preview shows how white text looks on a background with the CIELCh color 85, 2.976, 244.541.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

85, 2.976, 244.541

Protanopia

85, 3.021, 318.840

Deuteranopia

85, 11.093, 342.279



Tritanopia
85, 8.967, 286.483

Trichromacy



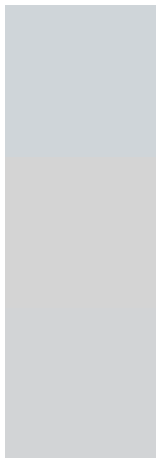
Original Color
85, 2.976, 244.541

Protanomaly
85, 2.112, 290.389

Deuteranomaly
85, 6.700, 334.944

Tritanomaly
85, 6.447, 278.135

Monochromacy



Original Color
85, 2.976, 244.541

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 1.272, 255.949

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 2.976, 244.541 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(207, 213, 217)` looks like.

```
.text, #text, p{  
    color:rgb(207, 213, 217)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(207, 213, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 213, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 2.976, 244.541 is called "border". The border property can be set on classes, ids or directly on the HTML element.

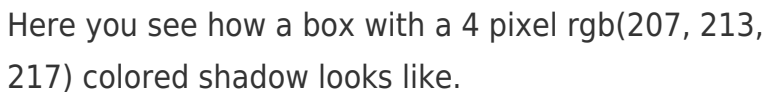
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 213, 217) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(207, 213, 217) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(207, 213, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 213, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 213, 217);  
box-shadow:4px 4px 4px 4px rgb(207, 213,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 2.976, 244.541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 213, 217) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(207,  
213, 217) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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